

Form PTO-1449
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U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 503.38383X00
Serial No. 09/509,768
Applicant: K. IDE, et al
Filing Date: March 31, 2000
Group: 3744



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
DL	4,182,966	1/80	Mishra et al	374/57	
DL	4,264,834	4/81	Armor et al	374/59	

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No	
DL	921,126	3/63	Great Britain	==	N/A
↑	60-162432	8/85	Japan (abstract)	==	
↓	10-150740	6/98	Japan (abstract)	==	
DL	DE 197 36 785 A1	2/99	Deutschland	==	✓
	EP 1 005 139 A2	5/00	European	==	✓

TABLE

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
DC	• 4,347,451	08/82	Mizuyama et al.	30/60A 30/59	
	• 4,467,229	08/84	Ogita, Tadahisa	30/61	
	• 6,097,116	08/00	Hess et al.	30/52	
	• 6,359,351	03/02	Semba et al.	30/58	
	• 6,288,461	09/01	Mori, et al.	30/52	
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	• 6,262,502	07/01	Semba, et al.	30/52	
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	• 6,359,361	03/02	Wakui, et al.	30/179	

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Document No.	Date	Country	Class Subclass	Translation Yes No
JP 04351439 A	12/92	Japan		XX
JP 02136050 A	05/90	Japan		XX
JP 58151845 A	09/83	Japan		XX

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